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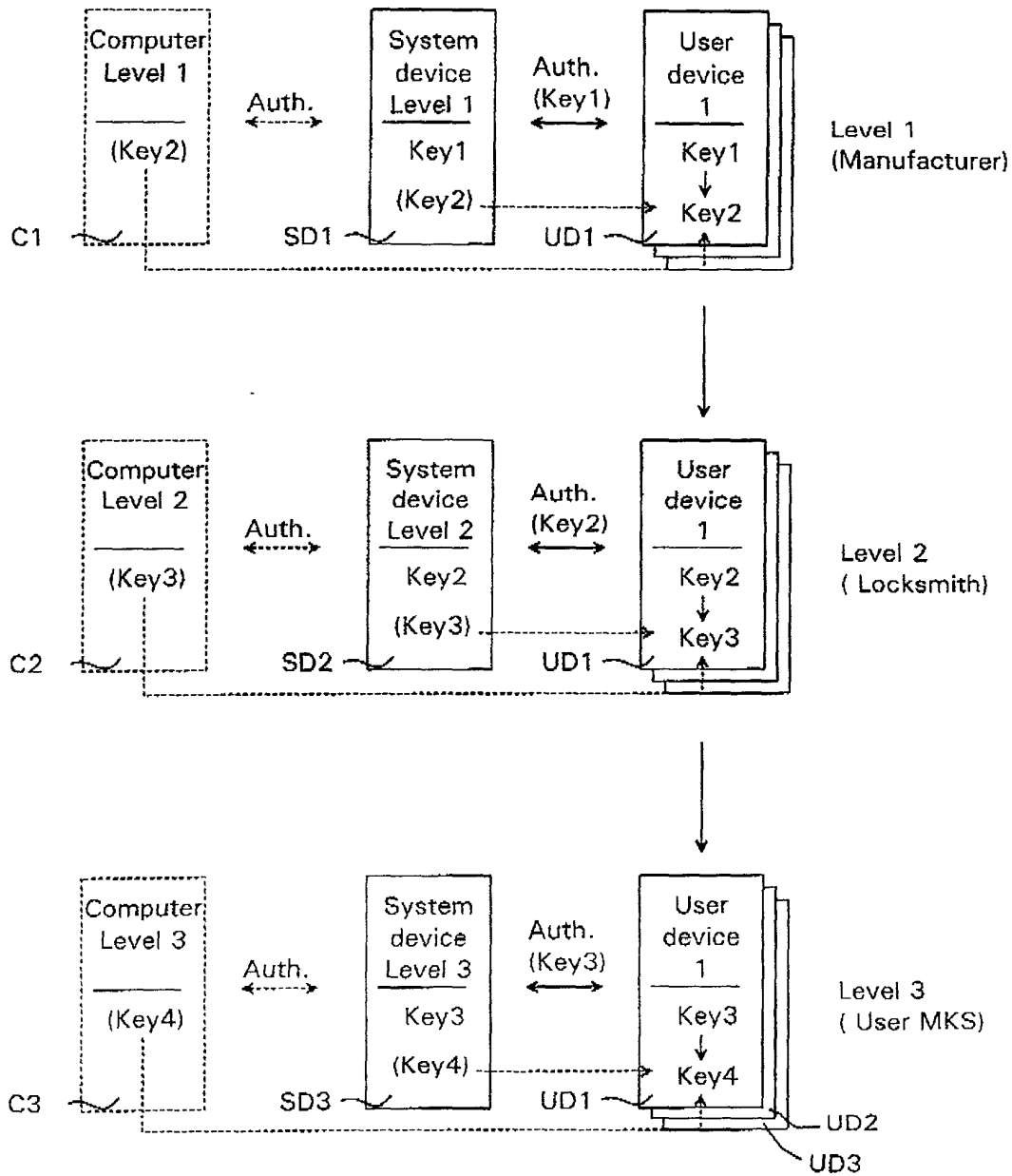


Fig. 1

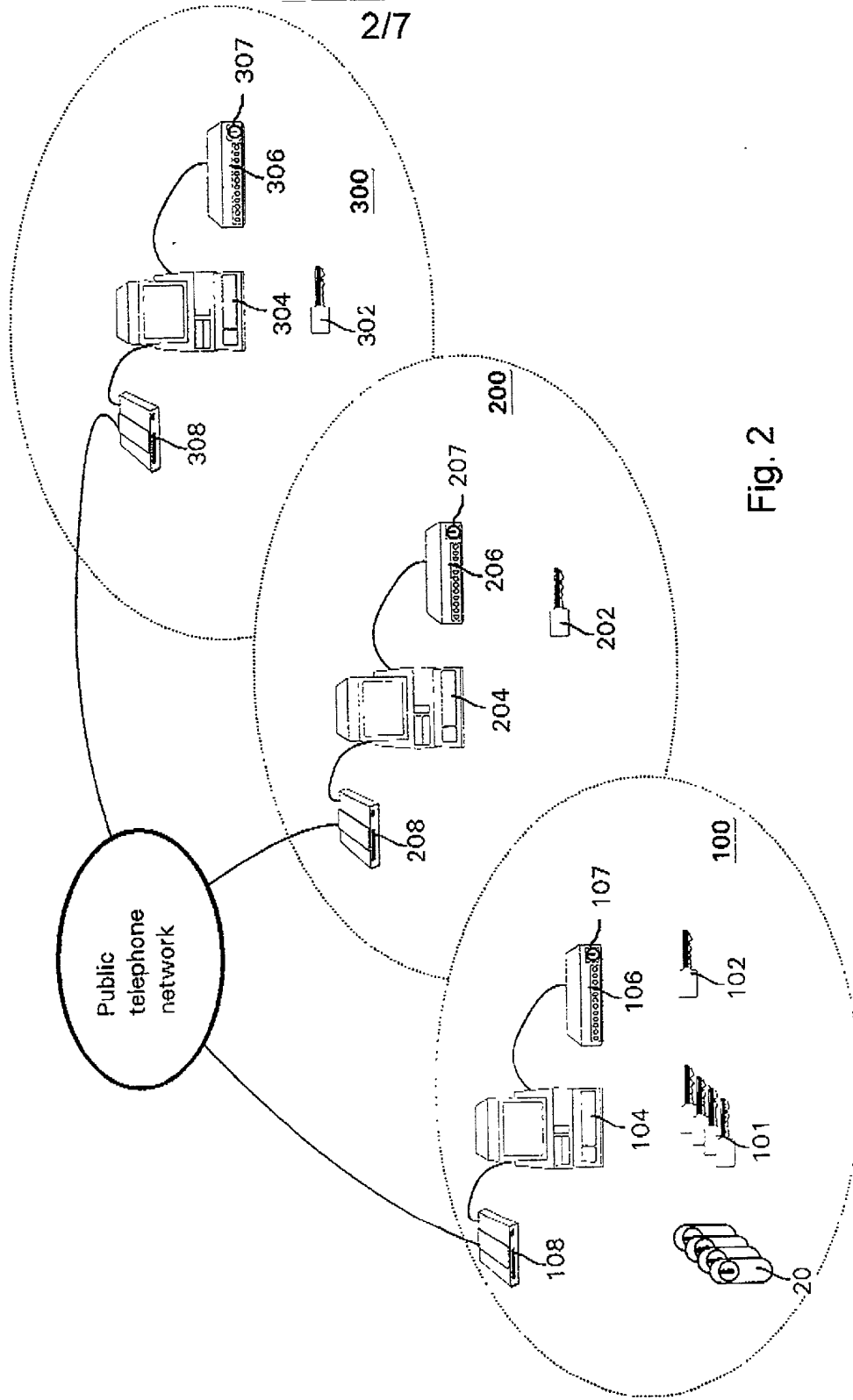


Fig. 2

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FIG. 2

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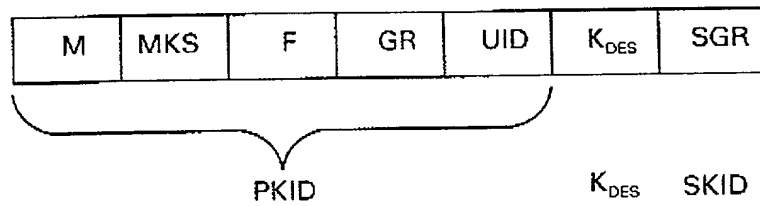


Fig. 3a

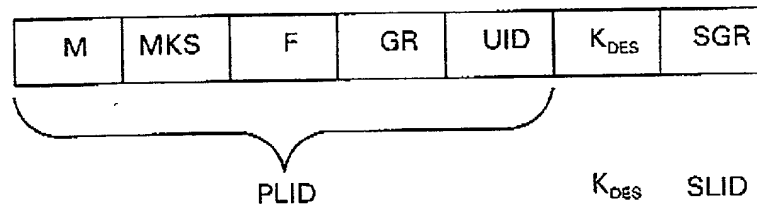


Fig. 3b

Fig. 5a



M-software

Fig. 5b



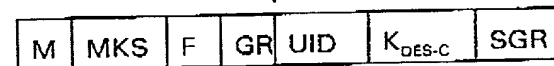
M-software  
 M-key

Fig. 5c



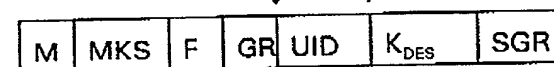
D-software  
 D-key

Fig. 5d



C-software  
 C-key

Fig. 5e



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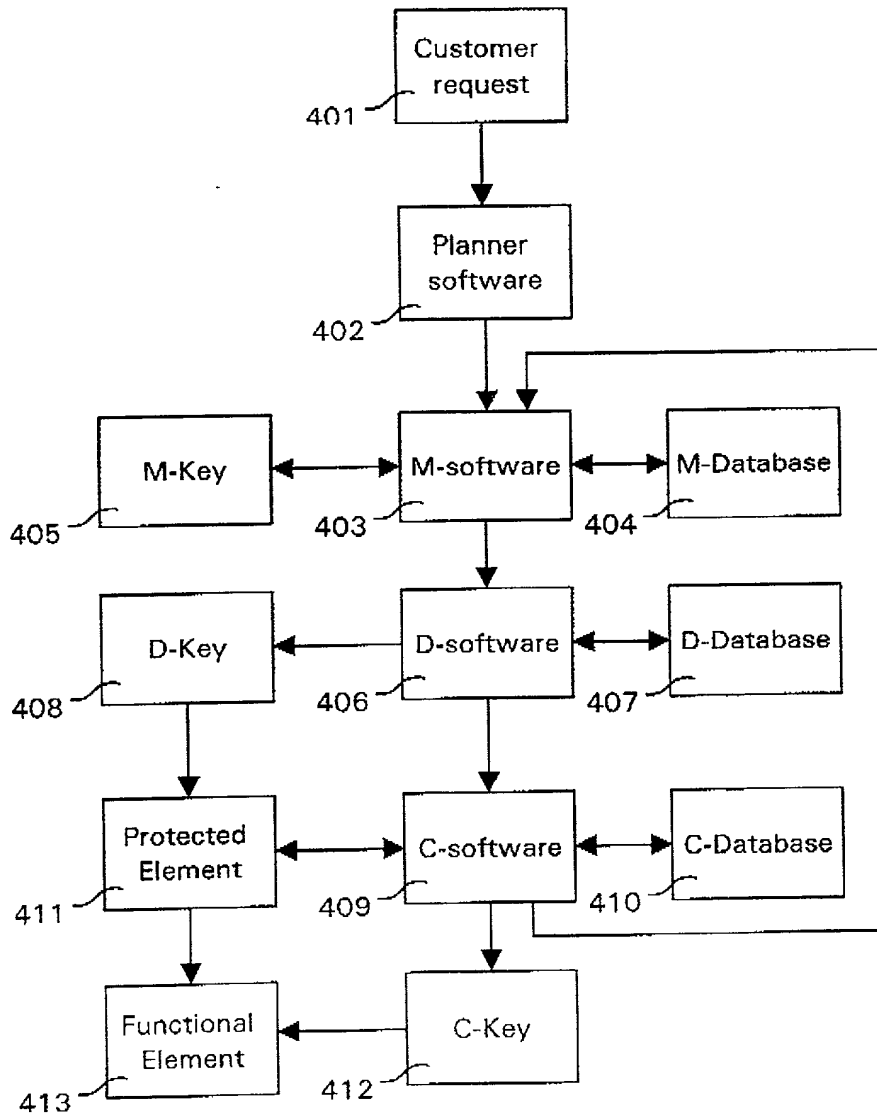


Fig. 4

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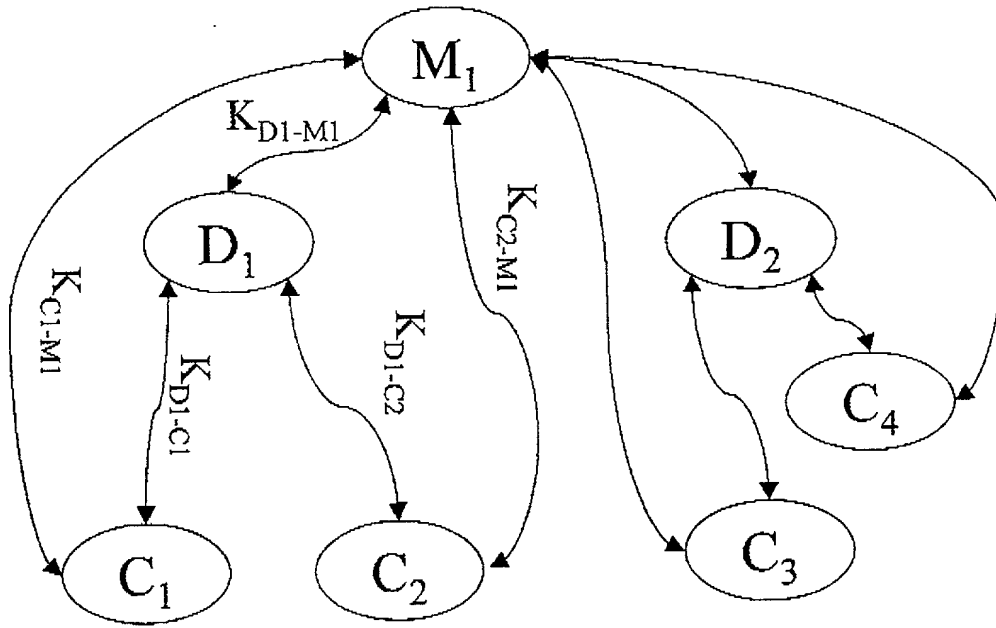


Fig. 6

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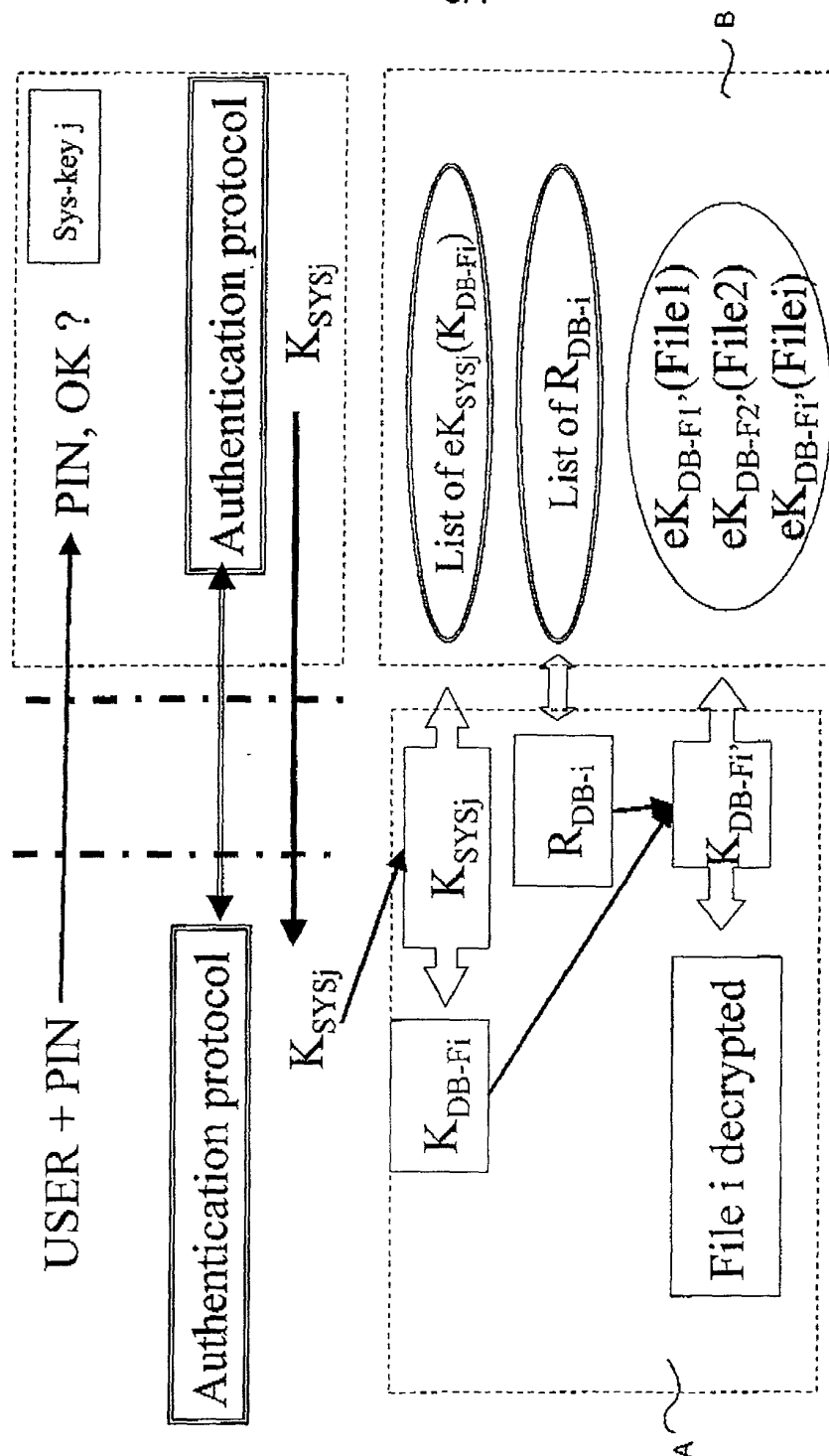


Fig. 7

	DB-file1	DB-file2	...	DB-filei
Sys-key1	eeK <sub>SYS1</sub> (K <sub>DB-F1</sub> )	eeK <sub>SYS1</sub> (K <sub>DB-F2</sub> )	...	eeK <sub>SYS1</sub> (K <sub>DB-Fi</sub> )
Sys-key2	eeK <sub>SYS2</sub> (K <sub>DB-F1</sub> )	eeK <sub>SYS2</sub> (K <sub>DB-F2</sub> )	...	eeK <sub>SYS2</sub> (K <sub>DB-Fi</sub> )
...	...	...	...	...
Sys-keyj	eeK <sub>SYSj</sub> (K <sub>DB-F1</sub> )	eeK <sub>SYSj</sub> (K <sub>DB-F2</sub> )	...	eeK <sub>SYSj</sub> (K <sub>DB-Fi</sub> )

DB-file1	DB-file2	...	DB-filei
R <sub>DB-F1</sub>	R <sub>DB-F2</sub>	...	R <sub>DB-Fi</sub>

Fig. 8